

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/014528

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ H05K3/38, H01L23/12, H01L23/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H05K3/38, H01L23/12, H01L23/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 5-166968 A (Mitsubishi Materials Corp.), 02 July, 1993 (02.07.93), (Family: none)	1-6
A	JP 2001-144234 A (Mitsubishi Materials Corp.), 25 May, 2001 (25.05.01), (Family: none)	1-6
A	JP 2002-111211 A (Kyocera Corp.), 12 April, 2002 (12.04.02), (Family: none)	1-6

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
21 October, 2004 (21.10.04)

Date of mailing of the international search report
09 November, 2004 (09.11.04)

Name and mailing address of the ISA/
Japanese Patent Office

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